

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086474.D
 Acq On : 28 Apr 2016 20:27
 Operator : UM/SJ
 Sample : H2654-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

Quant Time: Apr 29 08:53:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

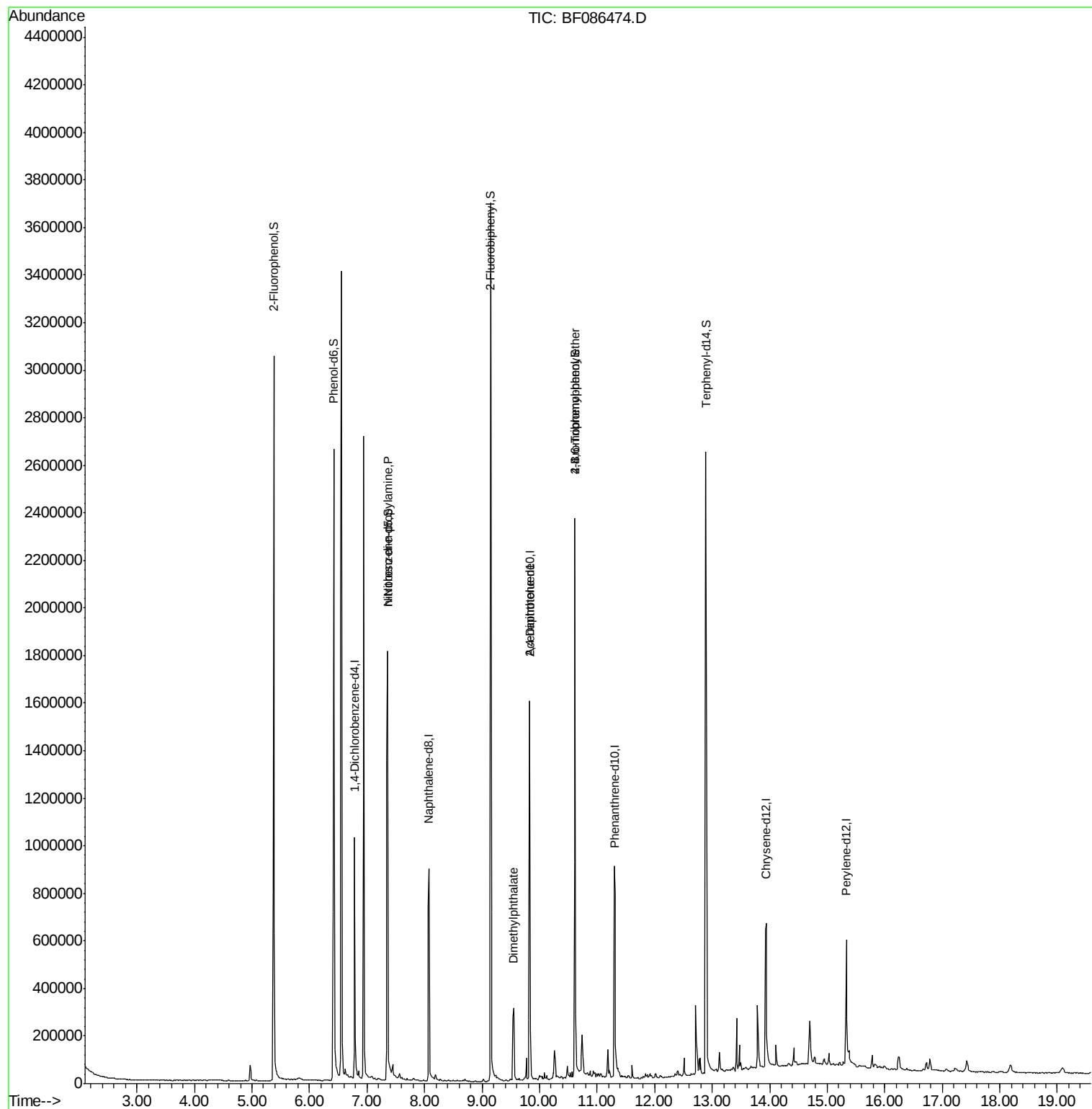
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	146366	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	610527	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	298267	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	526901	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	341484	20.00	ng	-0.02
86) Perylene-d12	15.33	264	272465	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	839507	98.93	ng	-0.01
7) Phenol-d6	6.42	99	1246789	105.27	ng	-0.02
23) Nitrobenzene-d5	7.36	82	847750	74.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	295338	93.89	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1203169	67.24	ng	-0.02
78) Terphenyl-d14	12.89	244	1043440	67.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	112416	14.36	ng	# 82
49) Dimethylphthalate	9.55	163	184729	8.23	ng	98
56) 2,4-Dinitrotoluene	9.82	165	37895	6.41	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	18462	3.40	ng	# 1

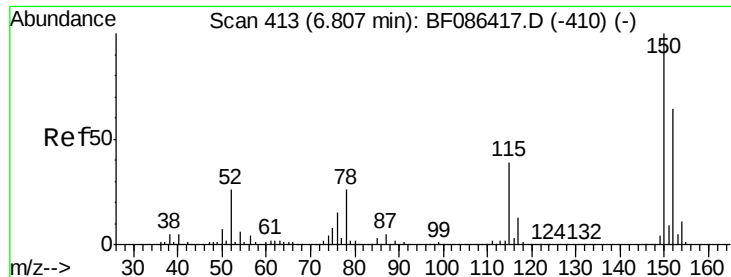
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

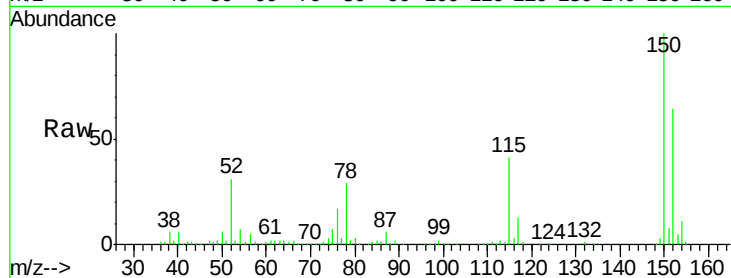
Tot Ion:152 Resp: 146366

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

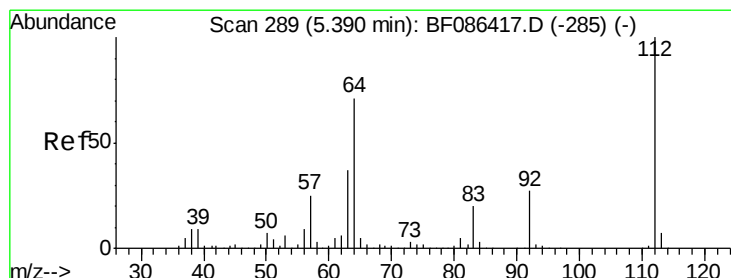
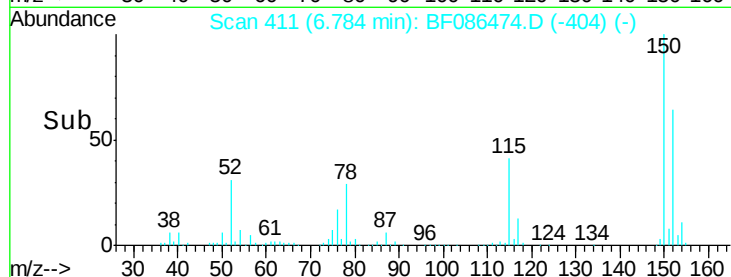
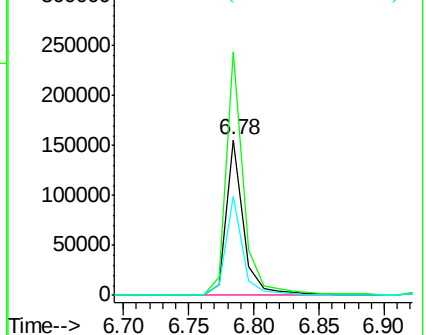
115 63.4 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 98.93 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

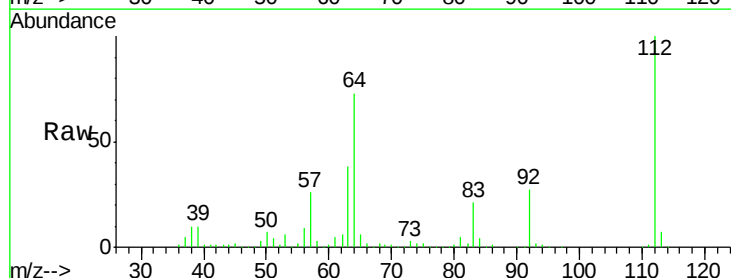
Tgt Ion:112 Resp: 839507

Ion Ratio Lower Upper

112 100

64 72.7 52.1 78.1

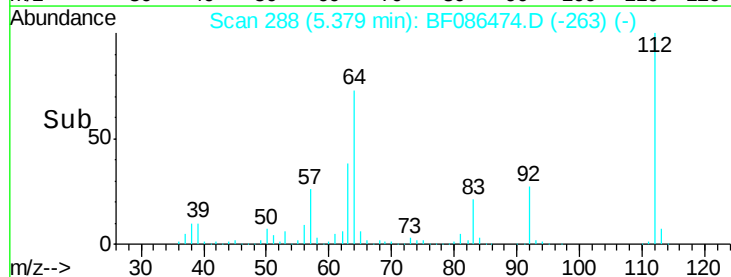
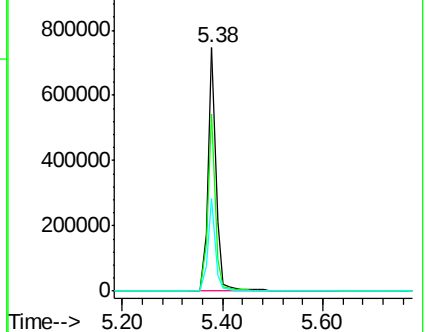
63 38.1 25.7 38.5

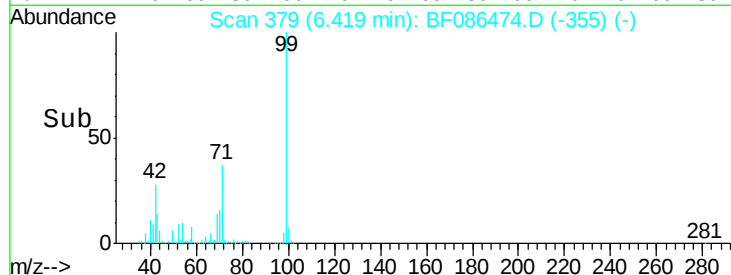
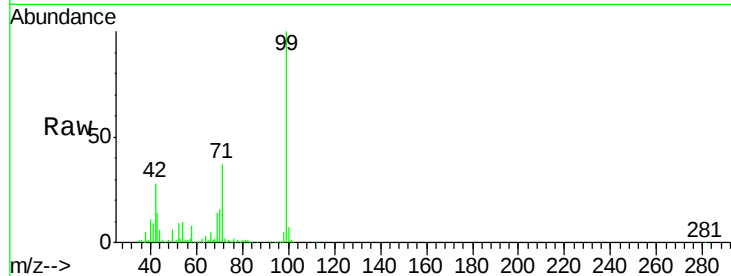
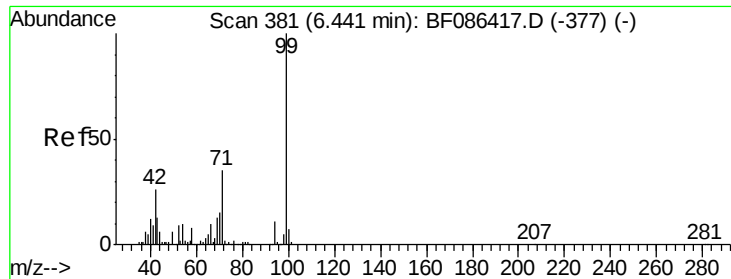


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.27 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

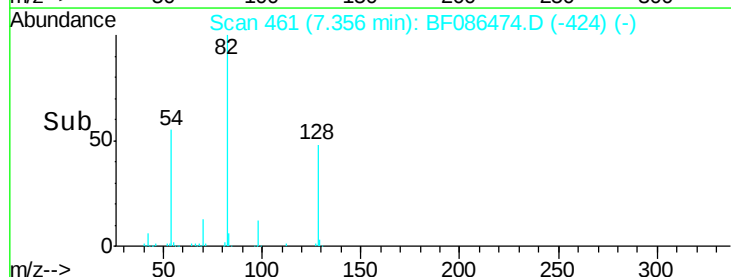
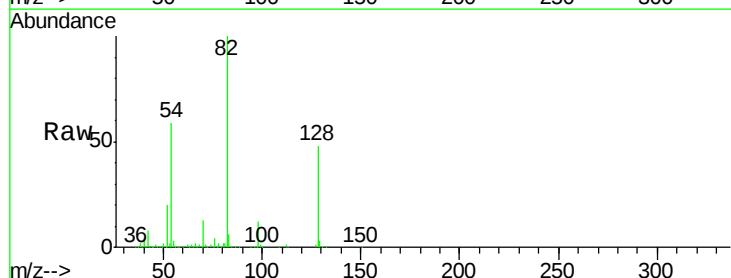
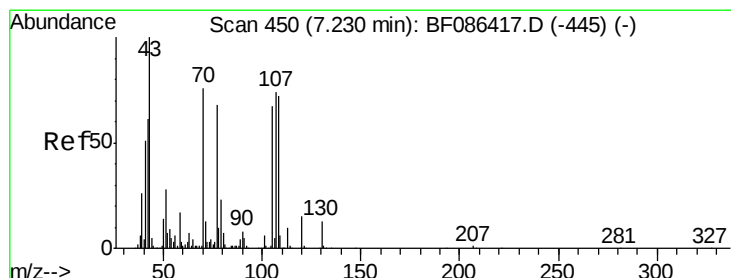
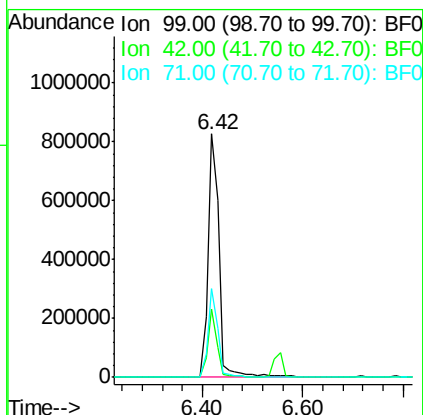
Tot Ion: 99 Resp: 1246789

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

71 36.6 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.36 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

Tgt Ion: 70 Resp: 112416

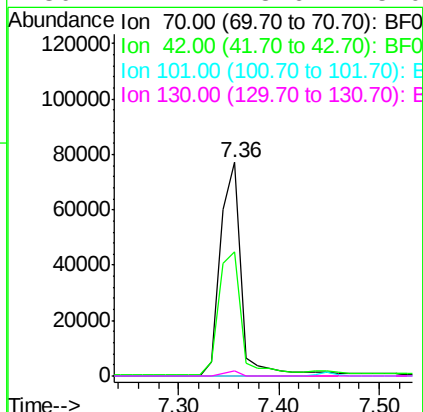
Ion Ratio Lower Upper

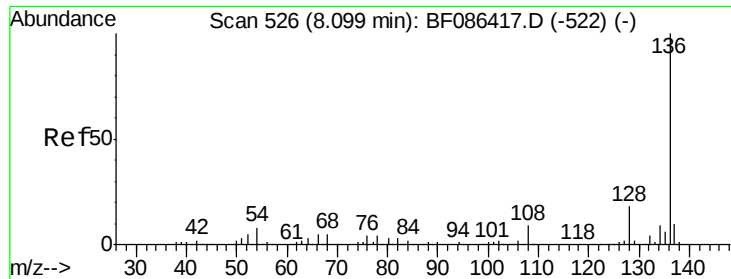
70 100

42 58.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.4 18.6 28.0#

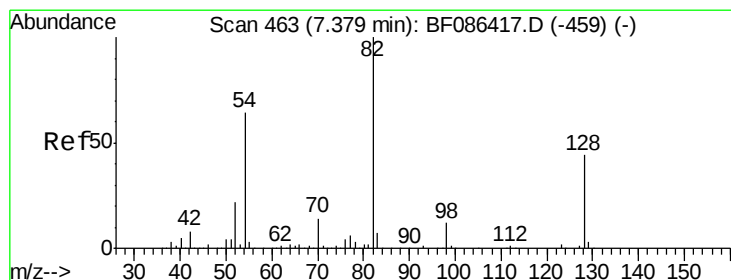
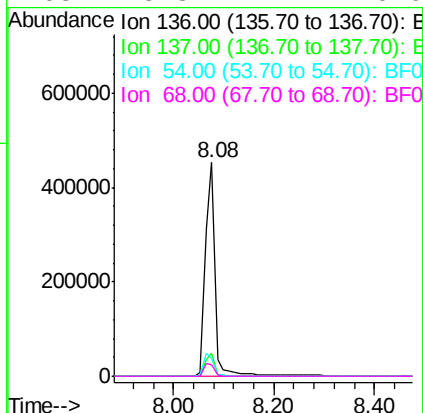
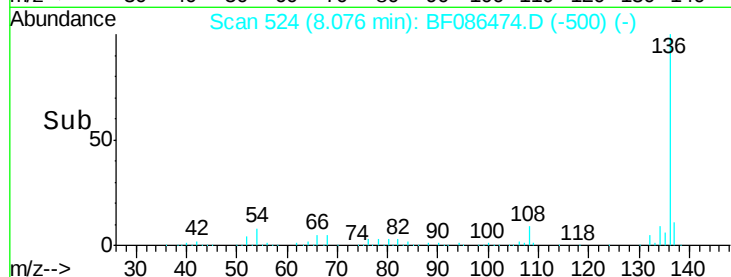
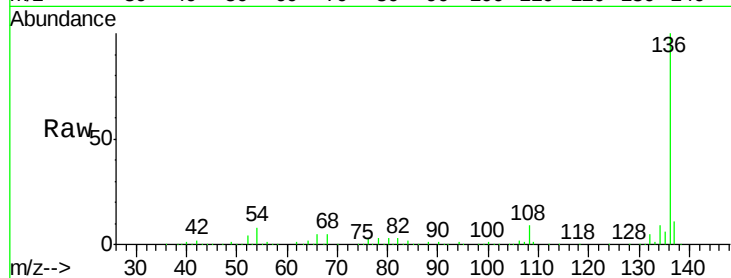




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086474.D
Acq: 28 Apr 2016 20:27

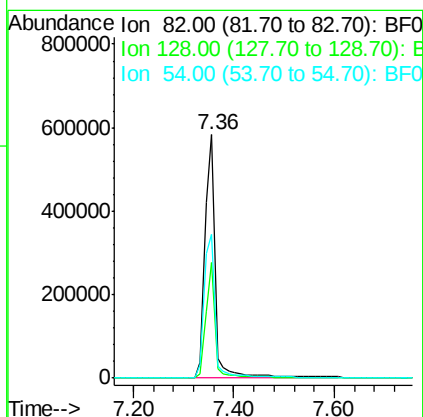
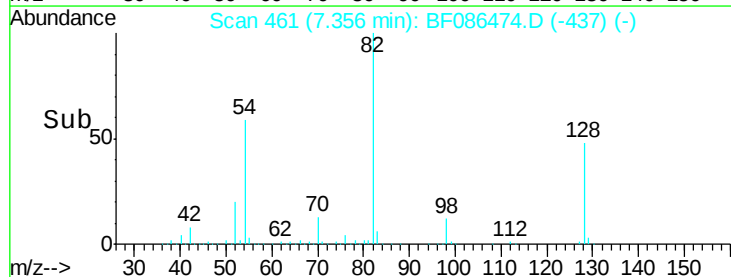
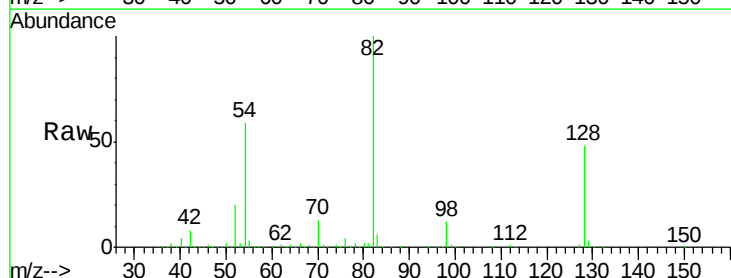
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-17(6-12FTBGS)

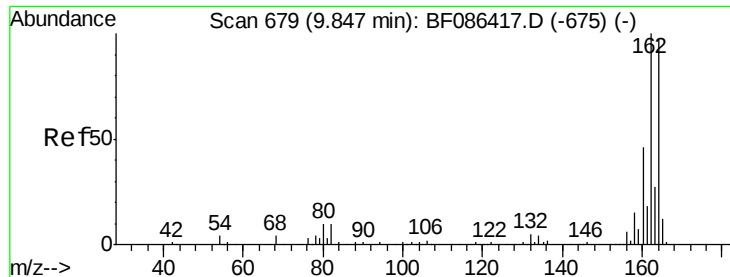
Tot Ion:136	Resp:	610527
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	8.3	5.0 7.4#
68	5.3	4.4 6.6



#23
Nitrobenzene-d5
Concen: 74.84 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086474.D
Acq: 28 Apr 2016 20:27

Tgt Ion: 82	Resp:	847750
Ion Ratio	Lower	Upper
82	100	
128	47.6	40.6 61.0
54	59.2	38.1 57.1#

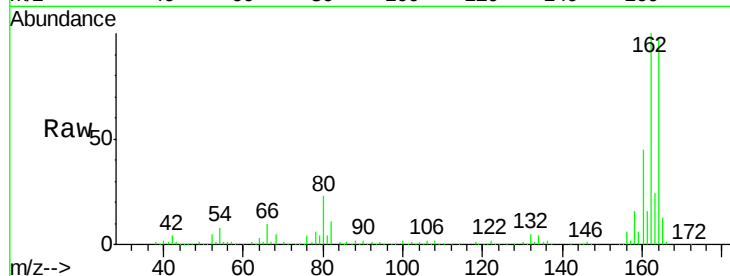




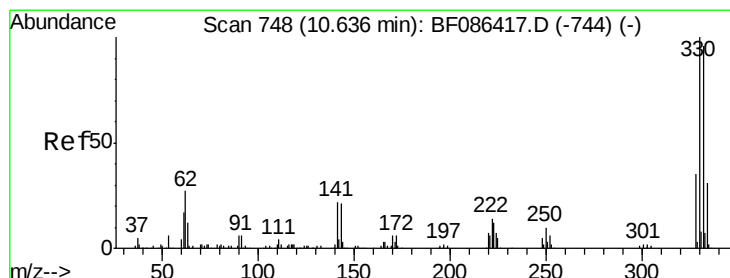
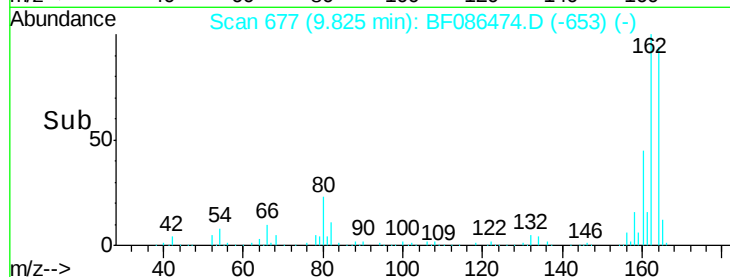
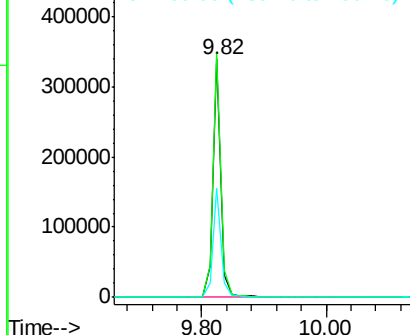
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086474.D
 Acq: 28 Apr 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.0	36.9	55.3

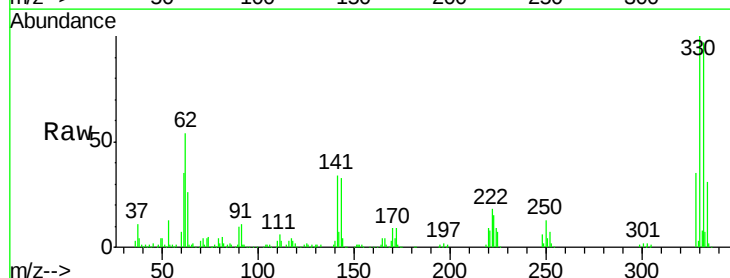


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

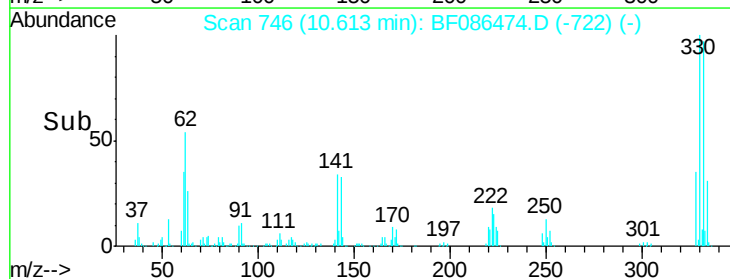
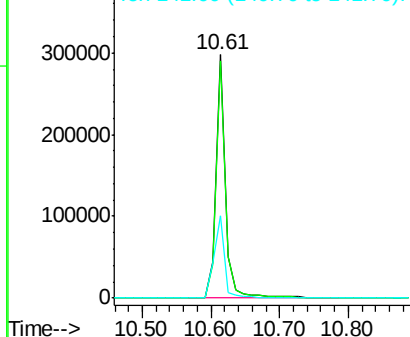


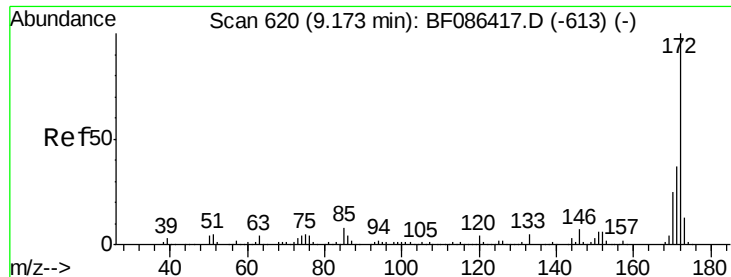
#41
 2,4,6-Tribromophenol
 Concen: 93.89 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086474.D
 Acq: 28 Apr 2016 20:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	79.0	118.4
141	37.8	31.2	46.8



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

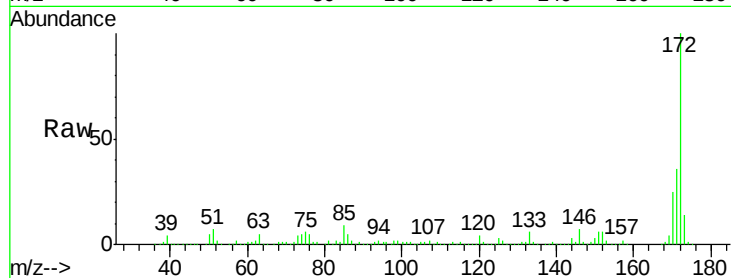




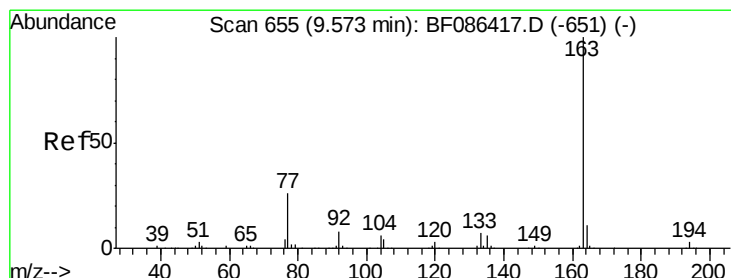
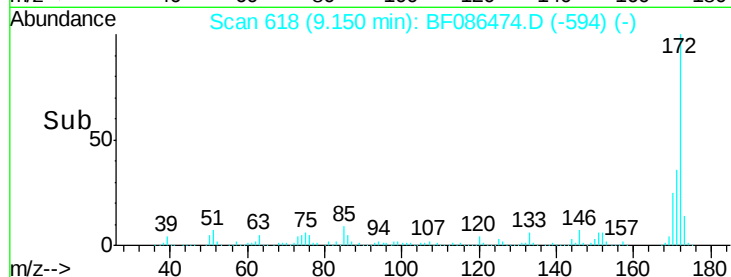
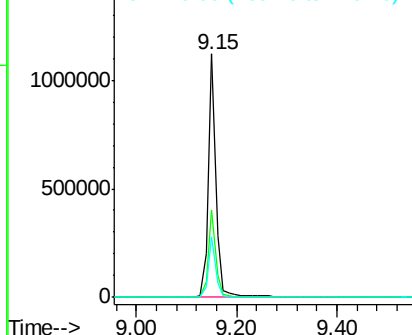
#44
2-Fluorobiphenyl
Concen: 67.24 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF086474.D
Acq: 28 Apr 2016 20:27

Instrument :
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ClientSampleId :
26WARD-2A-CS-17(6-12FTBGS)

Tot Ion:172 Resp: 1203169
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.6 19.8 29.8

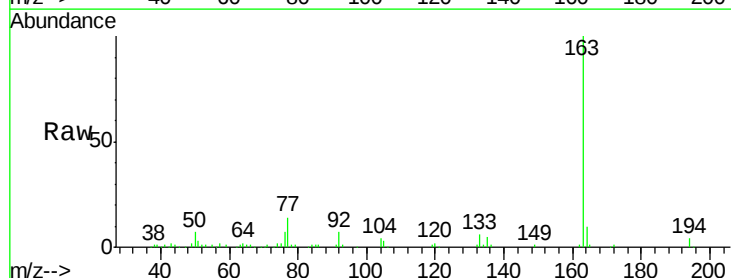


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

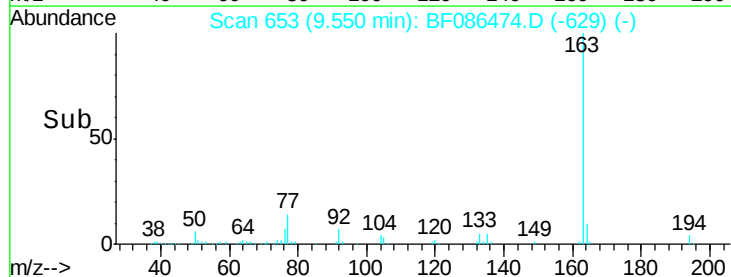
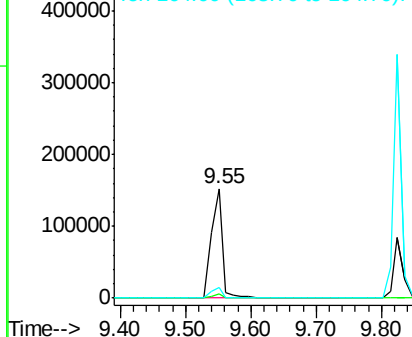


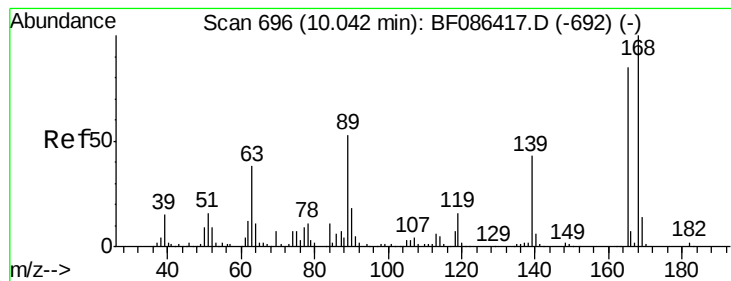
#49
Dimethylphthalate
Concen: 8.23 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086474.D
Acq: 28 Apr 2016 20:27

Tgt Ion:163 Resp: 184729
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

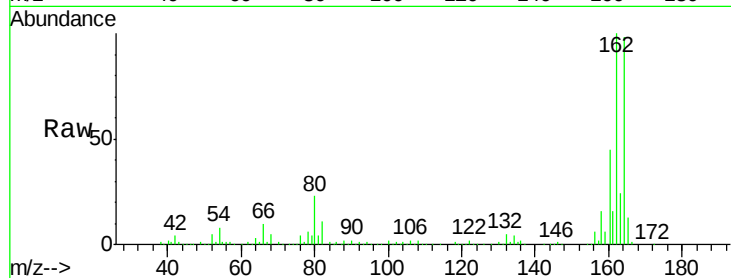




#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF086474.D
 Acq: 28 Apr 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

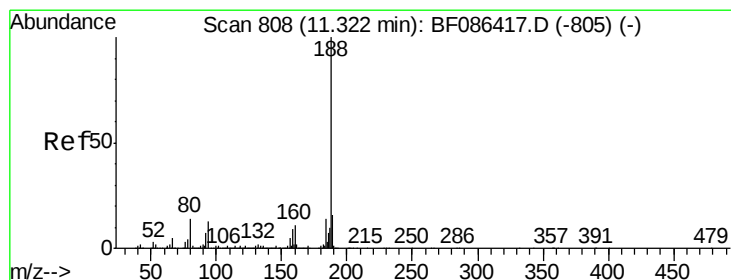
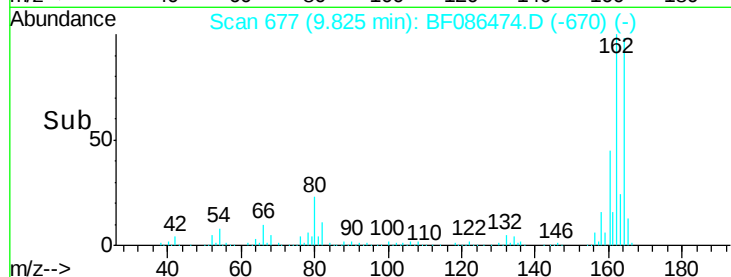
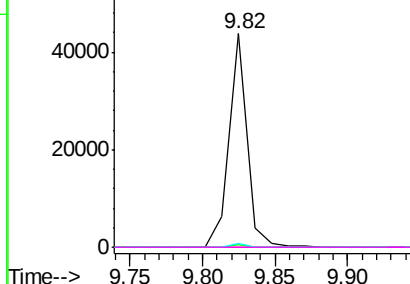


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

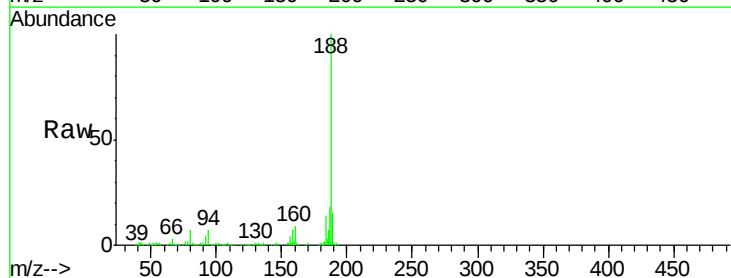
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086474.D
 Acq: 28 Apr 2016 20:27

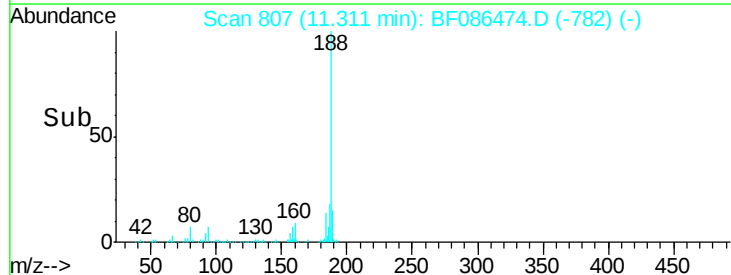
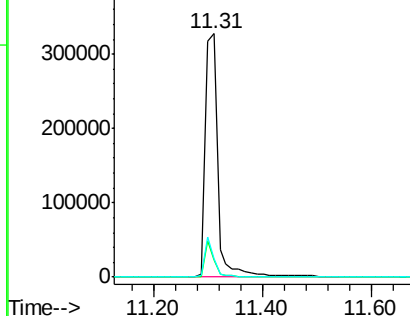
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.8	10.2
80	7.4	7.1	10.7

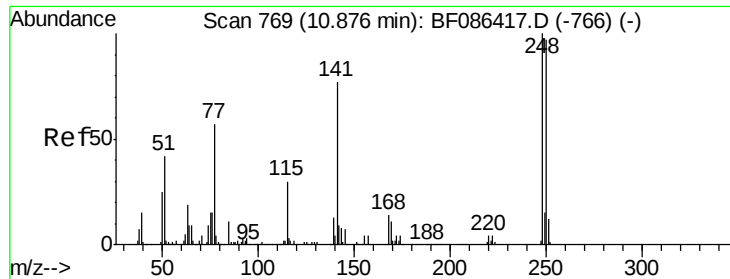


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.40 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.26 min

Lab File: BF086474.D

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Instrument :

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26WARD-2A-CS-17(6-12FTBGS)

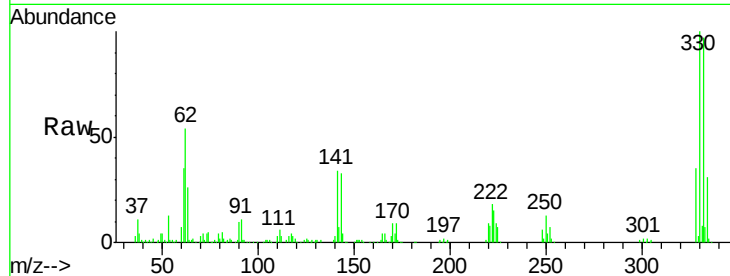
Tot Ion:248 Resp: 18462

Ion Ratio Lower Upper

248 100

250 202.7 78.6 117.8#

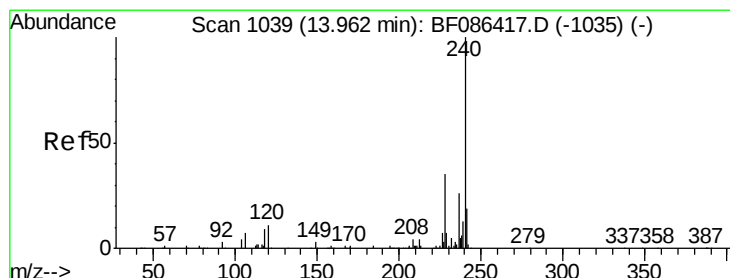
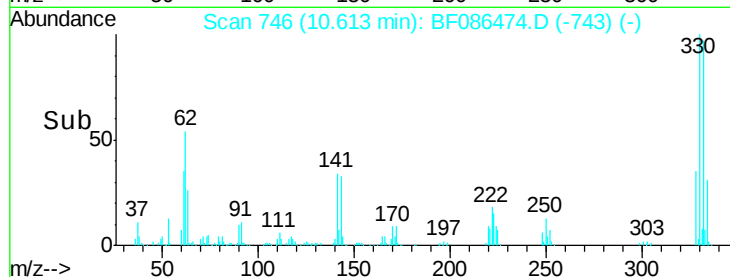
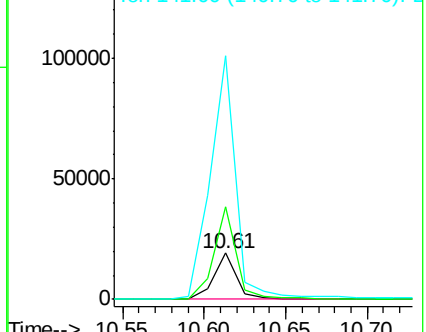
141 529.7 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

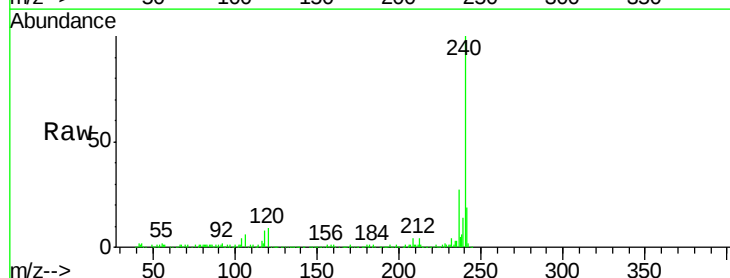
Tgt Ion:240 Resp: 341484

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

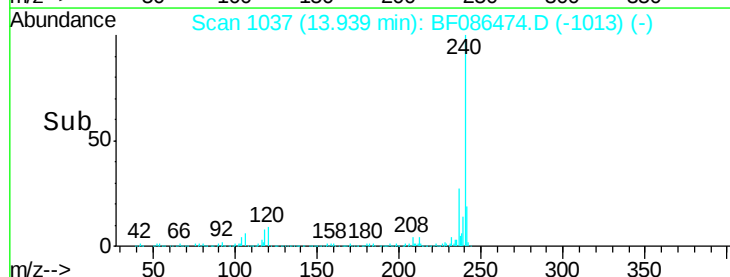
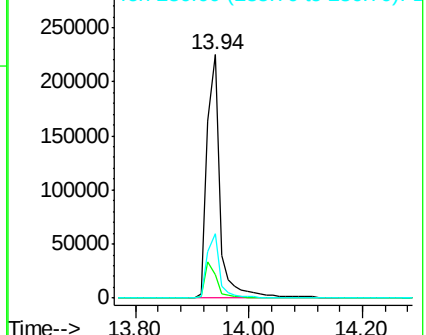
236 26.7 21.2 31.8

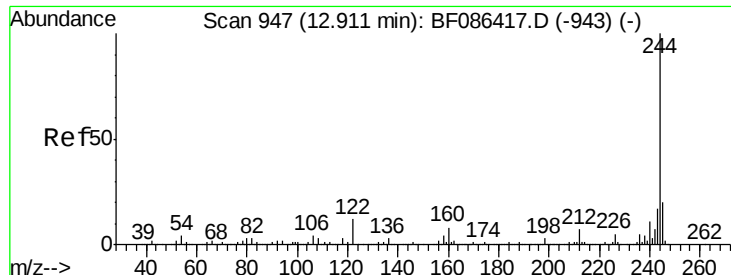


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.32 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

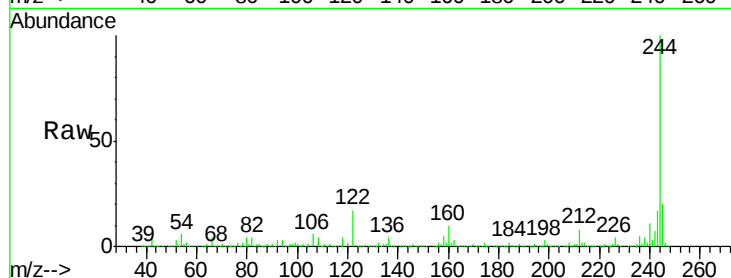
Tot Ion:244 Resp: 1043440

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 17.2 12.0 18.0

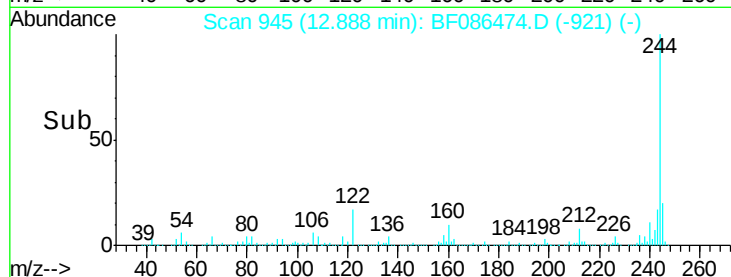


Abundance Ion 244.00 (243.70 to 244.70): E

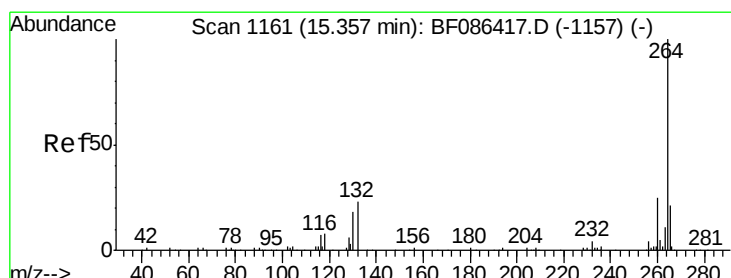
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF086474.D

Acq: 28 Apr 2016 20:27

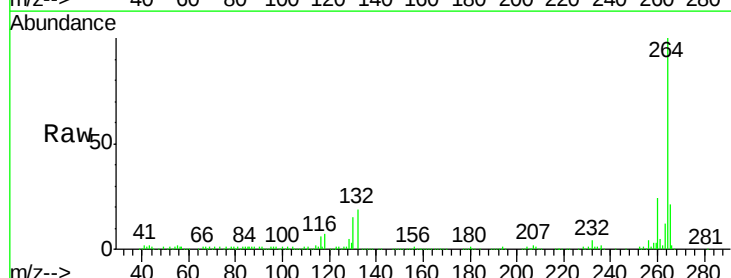
Tgt Ion:264 Resp: 272465

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 17.3 25.9

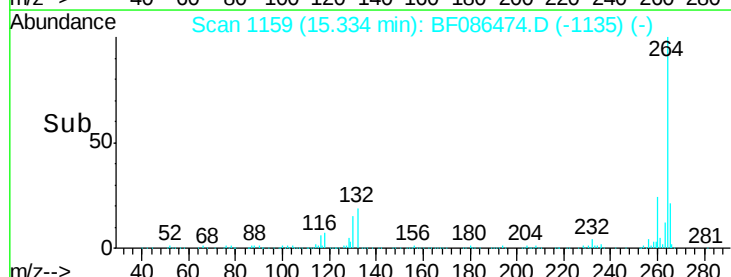


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->